

MARCH

at the

CALIFORNIA ACADEMY OF SCIENCES

MARCH MEETING

Date: Wednesday, March 14, 8:15 p.m.

Place: Morrison Auditorium

Speaker: Cleveland P. Grant

Subject: "HEART OF THE WILD"

To obtain the color footage for this Audubon Screen Tour, Mr. Grant and his wife Ruth spent many months in America's choicest wilderness areas, including the waterfowl marshes of Mani-toba and remote ranges of the Rockies.

In this film, waterfowl court, shore birds nest, and bighorn rams battle. There are intimate and graphic stories of trumpeter swans and Canada geese. There are migrating flocks of Hudsonian godwits, dowitchers, stilt sand-pipers, phalaropes and intimate nesting studies of marbled godwits and avocets. Here is an exciting hour in the "heart of the wild". (Members only)

MORRISON PLANETARIUM

"THE BIRTH AND DEATH OF THE SUN", the awe-inspiring story of the formation of the sun and its planets, continues through April 1. Adults, 75¢, Juniors, 40¢.

Performances:

Monday Closed
Tuesday 3:30 p.m. only
Wed., Thurs., Fri. 3:30 & 8:30 p.m.
Saturday, Sunday 2:00, 3:30 & 8:30 p.m.

SPECIAL EXHIBITS

EXHIBIT OF THE MONTH: "BLACK CORAL TREE" from the Marshall Islands, a gift to the Academy from Dr. L. R. Fletcher. Main Foyer, Science Museum.

"INSECT PORTRAITS" by SuZan Swain, continues in Lovell White Hall through March 15.

"WATER COLORS OF FISH FROM TROPICAL SEAS" by Toshio Asaeda, also in Lovell White Hall, through March.

"CALOCHORTUS OF CALIFORNIA", water colors by Mrs. Allen Chickering, in the Alice Eastwood Hall of Botany.

"SCIENCE IN ACTION"

Monday nights, 7:00 p.m., KRON-TV, Channel 4

Mar. 5: "History of Medicine", with Guest Scientist Dr. Ilza Veith, University of Chicago.

Mar. 12: "Beekeeping", with Dr. John Eckert, University of California at Davis.

Mar. 19: "The Origin of Life", with Nobel Laureate Dr. Melvin Calvin, University of California.

Mar. 26: "The Ion Engine", with scientists from the Hughes Aircraft Company.

NEWS and NOTES

Work has begun on the extensive project of sorting and arranging the Alice Eastwood papers, a task being performed by Mrs. James Campbell, a volunteer worker in the J. W. Mailiard, Jr., Library. First analysis has revealed a wealth of letters received by Miss Eastwood over the years which has prompted an appeal by Veronica J. Sexton, Academy Librarian. Members and friends of the Academy are asked to share any letters they may have received from Miss Eastwood that might add information or offer new insight into a truly remarkable woman whose name, for well over a half century, was inextricably bound up with that of the California Academy of Sciences.

Naturally, original manuscripts would be preferred. However, if friends are reluctant to part with such letters, copies would be highly acceptable. Any mss. available should be sent to Miss Sexton at the Academy.

It took special rigging equipment in the Department of Exhibits to assemble the plaster cast of the *Dinichthys*, a fossil fish, seen recently on "Science in Action". The reproduction was a gift to the Academy from the Cleveland Museum of Natural History. The original came from the Cleveland shales.

Dinichthys, one of the placoderms, is a member of the first group of vertebrate animals equipped with jaws. They appeared in the waters of the earth during the Devonian period beginning some 350 million years ago. Later, the entire group became extinct.

The new addition will become part of the Academy's growing collection of fossil fishes which now includes one of the largest mackerels ever known. All that is needed now is a kind benefactor who will underwrite the construction of a "Hall of Fossils". Anyone have any ideas?

Friends of the Botany Department entertained some 250 invited guests on February 16 at a preview showing of the water color drawings of mariposa lilies executed by Mrs. Allen Chickering, Jr. and now on display in the Alice Eastwood Hall of Botany. Mrs. Chickering's beautiful renderings will be on exhibit through the month of May.

Dr. Robert C. Miller, Director of the Academy, attended a meeting of the Executive Committee of the Academy Conference held in Memphis, Tennessee, February 15-17. Dr. Miller is past-president of the Conference and chairman of the Program Committee.

"Science in Action" is currently enjoying its greatest success. The show, now twelve years old and seen in eight markets, is getting eminently satisfactory ratings compared with other programs of wide popular appeal. In San Francisco, the program is and always has been sponsored by Wells Fargo Bank.

The current Nielsen rating for the Bay Area Market (KRON-TV) gives it a 10.4. "S in A" is opposite "Expedition" (9.8), "Cannonball" (11.7), and "Ripcord" (19.6). An all-time high is reported by ARB in Honolulu where the Hawaiian Telephone Company is sponsor. The program has a rating of 19 as against a 16 for a movie showing and a 13 for "Gunsmoke".

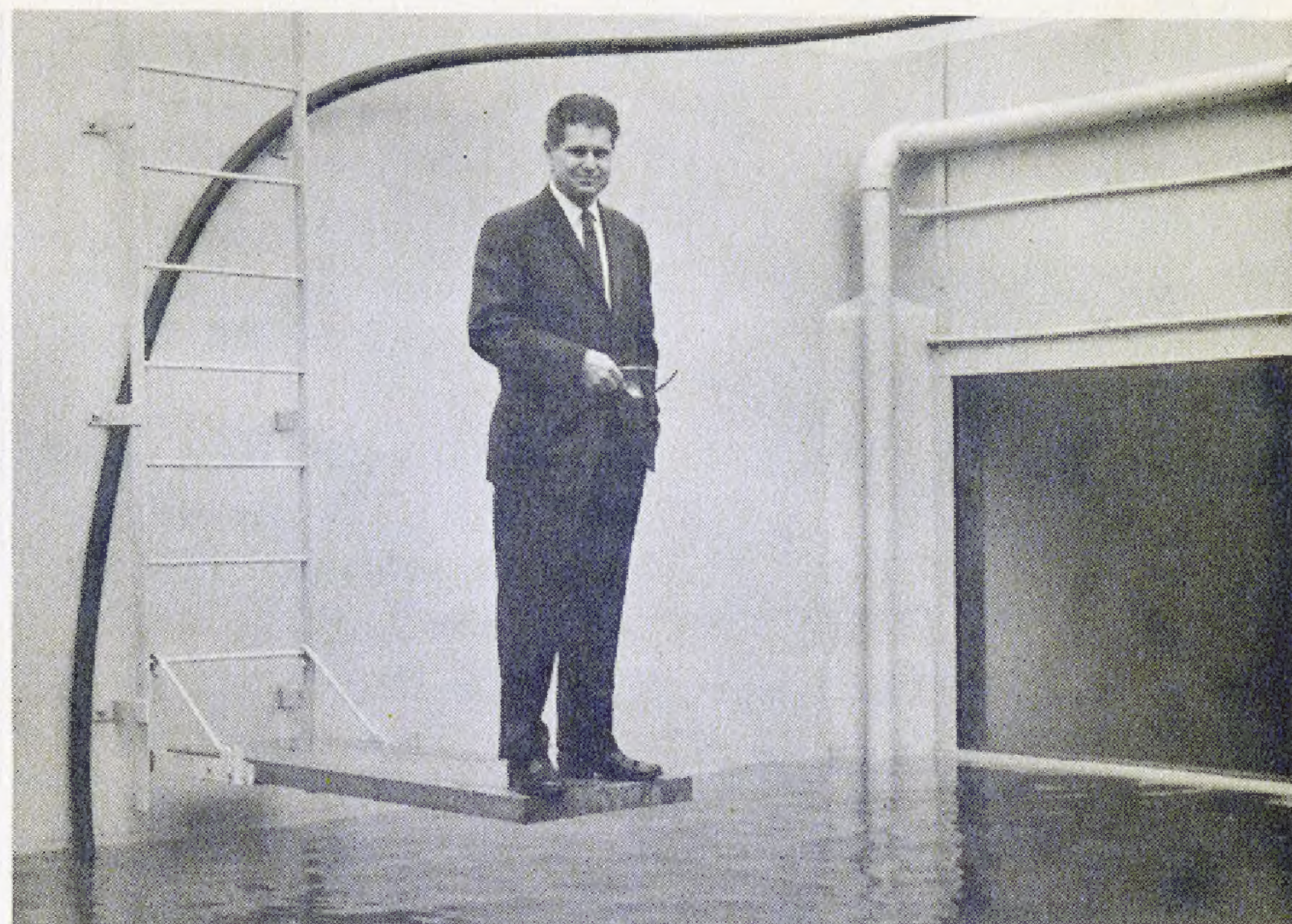
In the Los Angeles market, possibly the country's most difficult area for syndicated properties, "S in A" has a current Nielsen of 10.2, building from a 9.8 for the previous month. It is sponsored there by Southern California Edison which promotes the show heavily in the schools and the newspapers.

Dr. Earl S. Herald, Program Host, Benjamin Draper, Executive Producer, and Mrs. Margie S. Downey of the San Mateo County Schools and educational consultant for "Science in Action", have made extensive personal appearances before educators in the promotion of the series. Mrs. Downey is the author of the classroom work sheets which are used widely in schools in areas where the program has been syndicated.

J. Byron Warner of Oakland, California has joined the Academy staff as Business Manager. Mr. Warner was recently retired with the rank of Commander from the Supply Corps, United States Navy. His last assignment was at the Naval Supply Center in Oakland. He is a graduate of the University of California at Berkeley.

MISCELLANEA: Allyn G. Smith, Associate Curator of the Department of Invertebrate Zoology, was the featured speaker at a meeting of the Conchological Club of Southern California in Los Angeles on February 5.....Richard Moore of the California Department of Fish and game spent a week of research in the Entomology Department Members should make a point of enjoying March's "Exhibit of the Month", a black coral tree taken from the Kwajalein atoll in the Marshall Islands. Not only is it an unusual scientific oddity but is particularly beautiful in both shape and coloration. The specimen was taken in 35' water off the edge of the coral reef.

Meet the Staff



DR. EARL S. HERALD, pictured standing on the adjustable feeding board of the Academy's brand-new porpoise tank, has been Curator of Aquatic Biology and Superintendent of Steinhart Aquarium since 1948. However, he is better-known as the amiable and accomplished host of "Science in Action", the Academy's be-medalled television series. He has performed this service for ten of the twelve years the program has been on the air.

Dr. Herald received his undergraduate training at the University of California at Los Angeles, his M. A. at Berkeley, and his Ph. D. at Stanford. During the war his assignment with the armed forces was research in DDT and other insecticides which was carried on at the Air Force Proving Ground Command in Florida and in various areas of the Pacific. He served as Staff Ichthyologist to the Vanderbilt Expedition of 1951 and has done tuna fish research in the Philippines and Indonesia. At the historic Bikini tests, he conducted government reef fishes investigations.

He has published widely in his field, and last year saw the release of his most popular work for general consumption, "Living Fishes of the World", a beautiful and informative book now in the process of being translated into five foreign languages.

Dr. Herald's interest in public education in science has made him highly effective in many fields outside his Academy work. He is active in the Boy Scouts of America and only recently was awarded an Honorary Life Membership by the California Congress of Parents and Teachers, Inc.

He is the father of three children: Bruce, 13, Douglas, 10, and Katherine, 8. Douglas is following in his father's fishsteps. Not only is he breeding fish but is also busy compiling a reference book about them.

Dr. Herald's enthusiasm for the current rehabilitation of Steinhart Aquarium is limitless. "For the first time in too many years, Steinhart will have the best physical equipment available anywhere in any aquarium. I hope too," he continued, "that we will have the best displays in the country, but there's a contingency here. We'll need a larger budget to maintain the new Steinhart and the money has to come from somewhere. Excellence takes cash. Let's hope we can dig it up!"

NEW MEMBERS OF THE ACADEMY

Regular Membership

Dr. Paul S. Achilles
Dr. John H. Awl
Dr. Charles W. Bien
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Mr. Paul Stanley
Mr. Fred A. Stringer
Mrs. Nancy Thomas
Dr. Paul Toch
Miss Ynez Vasquez
Mrs. Henry Verdelin
Mr. Frank C. Winter
Mr. Walter T. Young

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Mr. Mike Buckley
Mr. Steven V. Cantrill
Mr. Douglas Glen
Mr. E. E. Gullekson
Mrs. Claire Gustafson
Mr. Cadet Hand
Miss Carol Lee Hansen
Mr. James Hodgdon

Mr. Gerald Holcomb
Mr. V. Balfour James
Mrs. Lewis Marsten
Mr. Steven Merrill
Mr. Thomas Milam
Mr. Kurt Moses
Mr. & Mrs. Roland Niemcewicz
Dr. Howard H. Pattee
Mr. Charles J. Phillips

Life Membership

Mr. Stanley T. Abrams

Contributing Membership

Mr. Robert Lauter
Dr. & Mrs. Wm. Mandel

Student Membership

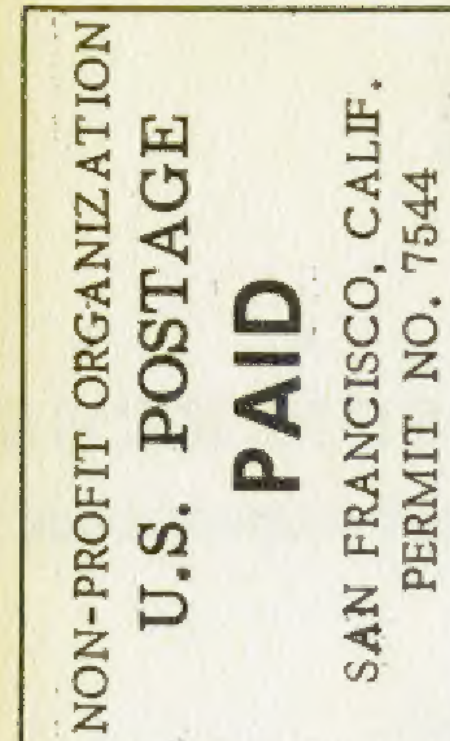
Aileen Andrus
Alana Andrus
Gary Berger
Ralph Carter
Frank Ely
Arthur Haseltine

Bill Hicok
Arlene Lew
Peter Meserve
Elizabeth Olsen
Elizabeth Rose
Robert Scott

THE CALIFORNIA ACADEMY OF SCIENCES
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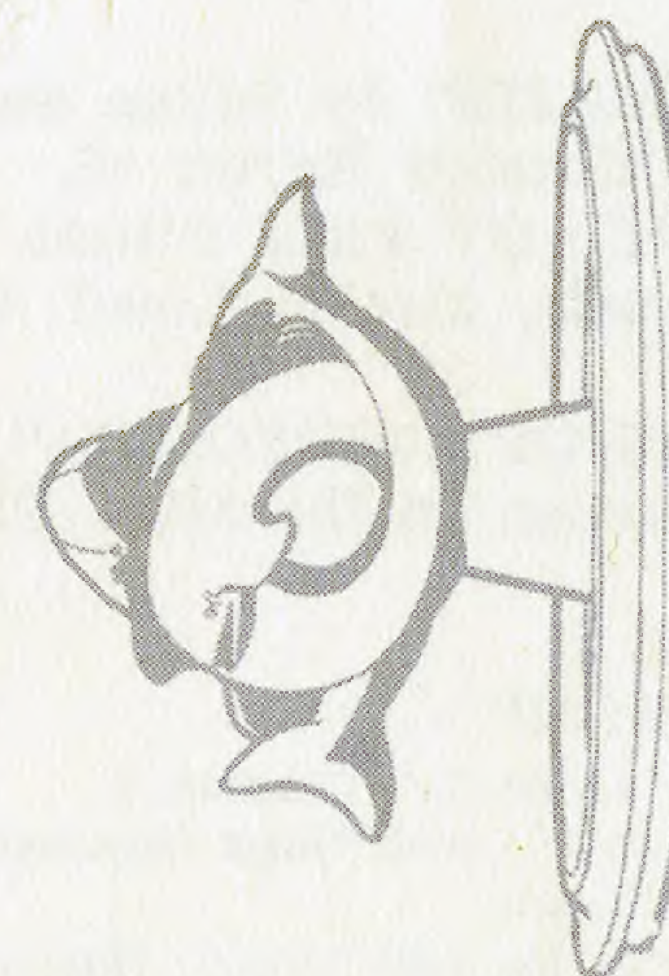
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